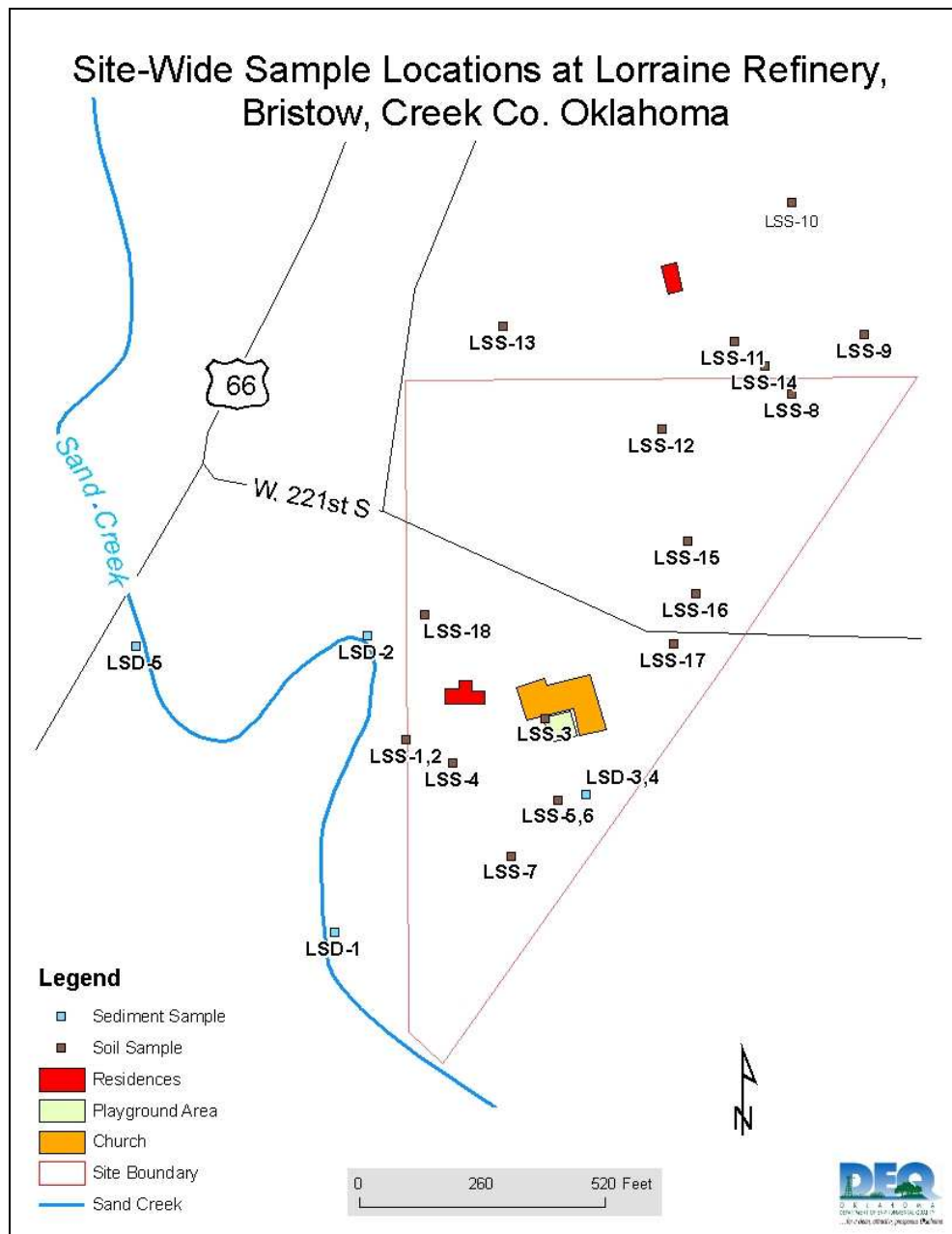


**Figure 2: Sample Locations  
Site-wide Surface Soil and Sediment**



**Table 1: Sample Collection**

<b>Sample Number</b>	<b>Sample Type</b>	<b>Location and Justification</b>	<b>Date</b>	<b>Time</b>
LSS-1	Surface Soils	Former distillate tank location Waste and stressed vegetation observed	04.22.09.	9:44
LSS-2	Surface Soils	Former distillate tank location Duplicate sample of LSS-1	04.22.09.	9:44
LSS-3	Surface Soils	Playground area near church	04.22.09.	9:50
LSS-4	Surface Soils	Former fuel oil storage area Waste and stressed vegetation observed	04.22.09.	9:47
LSS-5	Surface Soils	Former storage tank area Waste and stressed vegetation observed	04.22.09.	10:18
LSS-6	Surface Soils	Former storage tank area Duplicate sample of LSS-5	04.22.09.	10:18
LSS-7	Surface Soils	Southwest area of site Waste and stressed vegetation observed	04.22.09.	10:32
LSS-8	Surface Soils	Former fuel oil storage tank location Waste and stressed vegetation observed	04.22.09.	9:45
LSS-9	Surface Soils	Northeast corner of site Waste and stressed vegetation observed	04.22.09.	10:12
LSS-10	Surface Soils	North end of site Waste and stressed vegetation observed	04.22.09.	9:59
LSS-11	Surface Soils	North end of site Waste and stressed vegetation observed	04.22.09.	10:16
LSS-12	Surface Soils	Former crude oil storage tank location Waste and stressed vegetation observed	04.22.09.	10:31
LSS-13	Surface Soils	Northwest corner of site Waste and stressed vegetation observed	04.22.09.	10:22
LSS-14	Surface Soils	Former fuel storage tank location Waste and stressed vegetation observed	04.22.09.	9:52
LSS-15	Surface Soils	Low-lying area south of dyke Waste and stressed vegetation observed	04.22.09.	10:12
LSS-16	Surface Soils	Southeast corner of north portion of site Stressed vegetation	04.22.09.	10:04
LSS-17	Surface Soils	Northeast corner of south portion of site Stressed vegetation	04.22.09.	9:54
LSS-18	Surface Soils	South of main entrance of site Waste and stressed vegetation observed	04.22.09.	9:37
LSS-19	Surface	Near parking lot of turnpike entrance north	04.22.09.	11:43

	Soils	of site Background Sample		
LSD-1	Surface water Sediment	Sand Creek, southern end of site, east of large fuel oil storage tank and cooling pond. Possible contamination from surface water migration	04.22.09.	11:22
LSD-2	Surface water Sediment	Merger from intermittent waters and Sand Creek. Possible contamination from surface water migration	04.22.09.	11:18
LSD-3	Surface water Sediment	Ditch south of church that parallels railroad Possible contamination from surface water migration	04.22.09.	10:14
LSD-4	Surface water Sediment	Ditch south of church that parallels railroad Duplicate of LSD-3	04.22.09.	10:14
LSD-5	Surface water Sediment	Upstream of site, point where Sand Creek crosses Highway 48/66 Upstream sample, outside the influence of surface water from site	04.22.09.	11:43
LSD-6	Surface water Sediment	15-mile downstream sample	04.22.09.	10:30

20 Site Characterization Sample Locations

2 Background Samples

3 QA/QC Samples

**TABLE 2: ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES (ppm)\*  
COLLECTED DURING THE SI  
LSS-#.  
BACKGROUND SAMPLE: LSS-19.**

Sample ID	# 19	# 1(2)	# 3	# 4	# 5(6)	# 7	# 15
<u>Substance</u>							
Arsenic	1.3	-	-	-	5.1	-	12.5
Chromium	4.4	-	-	-	13.6	23.5	-
Copper	5	-	-	-	-	96.5	-
Lead	11.5	44.3	155	513	52.1	-	-
Nickel	2.5	-	13.5	-	11.2	11	14
Zinc	14	-	43.8	-	-	-	63.2

**TABLE 2(cont.): ANALYTICAL RESULTS FOR CONTAMINATED SOIL SAMPLES  
(ppm)\* COLLECTED DURING THE SI  
ER-SS-#.  
BACKGROUND SAMPLE: LSS-19.**

Sample ID	# 19	# 16	# 17	#18
<u>Substance</u>				
Chromium	4.4	-	118	2.0
Lead	11.5	-	89.5	-
Nickel	2.5	8.7	9.8	-
Zinc	14	114	119	-
Phenanthrene	<340.0	-	862	-

**TABLE 3: ANALYTICAL RESULTS FOR SEDIMENT SAMPLES (ppm)\* COLLECTED  
DURING THE SI AT THE INTERMITTENT STREAM  
LSD-3(4)  
BACKGROUND SAMPLE: LSS-19**

Sample ID	LSS-19	LSD-3(4)
<hr/>		
<u>Substance</u>		
Lead	11.5	37.2
Zinc	14	79.5

**TABLE 4: ANALYTICAL RESULTS FOR SEDIMENT SAMPLES (ppm)\* COLLECTED  
DURING SI AT SAND CREEK  
LSD-#  
BACKGROUND SAMPLE: LSD-5**

Sample ID	# 5	# 1	# 2	# 6
<hr/>				
<u>Substance</u>				
Copper	<1.00	2.5	2.8	-
Lead	2.5	-	9.6	-

\* The above information represents samples which showed elevated levels of contaminants (i. e. 3 x backgrounds). The laboratory analyses for all sample points are provided in Reference 9. The detection limits for SEL are provided in its Quality Assurance Plan (Reference 8).